



## Mr. W. Alan Propp

### Education

Mr. Alan Propp received his B.A. in Chemistry from the University of Colorado in 1962.

### Experience and Achievements

Before working at the INL, Mr. Propp worked in industry for more than seven years for two different divisions of UOP, which is now a part of Honeywell. He also worked as a chemist for the Air Correction Division, which designed and built air pollution control systems for the power generation industry. He then worked for the Solid Waste Systems Division as a process engineer.

Mr. Propp has more than 35 years of combined experience in research and development, industrial chemistry, analytical chemistry, environmental science, process engineering and project management. He has numerous publications, patents and awards. He was with the INL for more than 18 years. Mr. Propp's most recent assignment has been in environmental remediation and his expertise ranges from thermodynamic analysis of systems to power plant design and operations.

## INL'S LIFETIME ACHIEVEMENT AWARD FOR INVENTORSHIP

### Patents

- U.S. Patent 5,709,910- Method and Apparatus for the Application of Textile Treatment Compositions to Textile Materials
- U.S. Patent 6,495,204 - Methods for Modifying Monofilaments, Bundles of Monofilaments, and Fibrous Structural Material
- U.S. Patent 6,623,686 - System Configured for Applying a Modifying Agent to a Non-Equidimensional Substrate
- U.S. Patent 6,652,654 - System Configured for Applying Multiple Modifying Agents to a Substrate
- U.S. Patent 7,088,115 - Electrochemical Impedance Spectroscopy System and Methods for Determining Spatial Locations of Defects